BULLETIN

Dairy of a First-Year Student

UNIVERSITY OF TORONTO

SEPTEMBER 11, 2007 • 61ST YEAR • NUMBER 3

THEY'RE BACK!



First-year students from St. Michael's College strive to beat the other first-year teams to the finish line during the annual frosh week bed race.

Arts & Science Targets Student-Faculty Ratios

By Anjum Nayyar

The University's largest faculty has a plan to turn back the clock: by 2011, the Faculty of Arts and Science will have undergraduate student-faculty ratios what they were in 2000, before the double cohort.

Reversing history is no mean feat. The faculty's enrolment for 2007 is 26,500, up from 20,000 just six years ago, noted faculty registrar Glenn Loney. While the number of instructors has gone up by eight per cent, the number of students has increased by 26 per cent.

"The point of reducing the enrolment back to roughly to 2000 levels is to improve the quality [of the student experience],"

Loney said. "Somewhat smaller numbers give us more flexibility to respond to what students want."

And the effort in arts and

And the elfort science — U of Ts largest faculty — is sure to be widely watched across the university and even across the province. U of Ts undergraduate

programs have grown by about 37 per cent over the last 10 years.

One result of the double-cohort, of course: growing student-faculty ratios in universities across Ontario. Currently, the average student to faculty ratio in arts and science is over 30:1. Feedback from students, including through the National Survey of Student Engagement, has highlighted the importance that students place on personal interaction with instructors.

Turning that trend around is good news even to teachers like Corey Goldman, a senior lecturer who teaches first-year biology — and who is a widely recognized

leader in the art of teaching large classes effectively. "Smaller classes

"Smaller classes allow instructors the opportunity to incorporate student-centred

classroom activities such as collaborative and problem-based learning," said Goldman, a 2007 Presidemts Teaching Award winner. He noted that they also permit greater access for a host of mentorship opportunities such as inviting greater participation by students in independent research projects in

The Faculty of Arts and Science is hoping to reduce its number of students per faculty from the

-See STUDENT Page 10-

The Bulletin Redesign Launches Sept. 25

By Elaine Smith

GET READY FOR A NEW-LOOK
Bulletin and a companion
eBulletin. The Strategic
Communications Department
launches both items Sept. 25.

"In redesigning The Bulletin, we're signalling a new era of communications at the University of Toronto," said Robert Steiner, assistant vice-president (strategic communications). "Our goal is to engage faculty and staff more fully in the university community and this is emblematic of our efforts."

this is emblematic of our eltoris. The eBulletin word be a carbon copy of its print cousin; its focus will be on practical news, incorporating administrative items contained in the provost's current weekly memos to principals, deans, academic directors and chairs that have until now been forwarded to divisions for distribution, plus current events on campus, course opportunities and grant deadlines. It will be distributed twice a week via e-mail to faculty and staff-appointed personnel.

"Our Speaking Up survey of faculty and staff, completed in November, tells us that more than 90 per cent of all faculty and staff find e-mail to be an important source of news and information about the university, so this is a wonderful way to acquaint them with the richness of opportunities on all three campuses," said Erin Lemon, director of faculty and staff communications.

The Bulletin, which is published twice a month, was redesigned by Caz Zyvatkauskas, design and production supervisor, to attract newsstand readers.

"The new look was designed to animate the graphics and engage the reader," she said.

The design was tested this summer with focus groups composed of faculty and staff and their feedback has been incorporated into the final design.

The Bulletin will continue to feature an in-depth look at university policies and programs, research and arts news and insights into the student experience. CALL FOR PARTICIPATION

First in a Series:

Enrolment Discussion



CONNAUGHT RESEARCH FELLOWSHIPS

CONNAUGHT RESEARCH FELLOWSHIS IN THE SOCIAL SCIENCES SUPPORT AND enhance important areas of research and increase the university's social science scholars' competitiveness for external funding. They are awarded either as two-year research grants or as six months' release time from teaching and administrative duties. The application deadline is Oct. 3. Program guidelines and application materials can be found on the Connaught committee website at www.rit.utoronic.ca/connaught/index.html. Applications should be accompanied by an application attachment, available at: www.rit.utoronic.ca/forms/ris. blue.pdf.

University, Faculty Association Reach Two-Year Agreement

By Maria Saros Leung

University of Toronto faculty and librarians will receive a three per cent across-the-board salary increase plus benefits improvements as part of an agreement announced Sept. 5.

Business Board approved the two-year agreement, which was reached by the University of Toronto and the University of Toronto Faculty Association (UTFA) with the assistance of mediator Martin Teplitsky. The UTFA council ratified the agreement Aug. 23 and it will remain in effect until June 30, 2009.

Under the terms of the agreement, about 2,750 faculty and librarians will receive a three per cent across-the-board increase retroactive to July 1. It is expected that they will receive this increase in their October pay. In addition to the three per cent increase, lump sum salary increases of \$585 and \$605 will take place on Jun 1, 2007, and Jun 1, 2009, respectively Lutilians classified at the IIII-level will see salaries increase to a minimum of \$68,000, also retroactive to July 1, 2007.

The agreement also increases the per-course stipend for retired faculty members or faculty members teaching on overload to \$14,000 effective Sept. 1, 2007, and \$14,490, effective Sept. 1, 2008.

Under the terms of the agreement, faculty and librarians will receive improved benefits for hearing aid coverage, vision, orthodontics, child care and personal expense reimbursement. Pension benefits for existing retirees will be augmented to 100 per cent of increase in CPI.

The agreement also establishes a number of joint working groups to address such issues as pension plan governance and funding, benefits, workload and work life balance, and salaries for professors outside the tenure stream and salary floors and maximums. These groups will consult with the university community as appropriate and will report within one year.

Visit www.hrandequity.utoronto. ca/groups/faclib.htm to see the entire agreement.

LETTER FROM THE EDITOR

Greetings!

T'S THE BEGINNING OF A NEW ACAdemic year and I hope The Bulletin will be your frequent companion as the year unfolds.

We begin 2007-08 with a new duo of writers: Maria Saros Leung, who comes to us from the Leslie Dan Faculty of Pharmacy but whom many of you may know from her days working for the vice-



programs. Rounding out The Bulletin team are associate editor Ailsa Ferguson, our veteran grammar guru; Mavic Palanca, our business co-ordinator; publisher Erin Lemon, director of faculty and staff communications; our design crew of Caz Zyvatkauskas, Mike Andrechuk, Pascal Paquette and Jamie Brand: and me, the editor.

You'll notice some changes to The Bulletin in upcoming issues as we work to engage faculty and staff more closely in the university community. This letter is the first in a regular attempt to let you know what to expect from each issue and why we're focusing on various topics. In the current issue, we begin to explore Towards 2030 in more detail. This evolving plan for U of T's future success requires attention and input from all of us to succeed. Today, you'll find a focus on enrolment successes and challenges. With Canada's population of 18- to 24-year-olds continuing to grow, U of T is doing its part to meet the increased need for post-secondary education; balancing quality with limited resources makes creativity imperative.

On Sept. 25, we plan to introduce a new Bulletin design, created to appeal to your eye, spark your interest and make individual articles easier to find. On the same day, we'll also launch the E-Bulletin, a twiceweekly online companion to The Bulletin that's more action-oriented, full of information about what's taking place in your university community. We hope you'll find them both interesting and useful.

Meanwhile, we'd love to hear from you, whether in letters to the editor, as proposals for stories or in ideas for commentaries or forum pieces. Let us know what interests you and we'll do our best to reflect that in the pages of The Bulletin. You can reach me directly at elaine.smith@utoronto.ca.

Best wishes,

THE BULLETIN

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WE VALUE YOUR OPINION

that's why the back page of The Bulletin is devoted to Forum, a place where thoughts, concerns and opinions of interest to colleagues across the university find expression. Original essays by members of the community are both welcomed and encouraged. Faculty, staff and students are invited to submit **ELAINE SMITH, EDITOR The Bulletin** or discuss ideas with:



Toronto, M55 3J3.

416-978-7016 elaine smith@uterente ca Look forward to hearing from you!

AWARDS & HONOURS

ROTMAN SCHOOL OF MANAGEMENT

PROFESSOR ROGER MARTIN, DEAN OF MANAGEMENT, HAS been named as one of 10 business school All-Stars who are revolutionizing business education by BusinessWeek.com. The only non-American and current business school dean to make the list. Martin was cited for pioneering a business philosophy that is oriented around design and integrative thinking, a theory that "to succeed, corporate managers should become flexible problem-solvers, not sophisticated numbers-crunchers." The 10 were announced in an Aug. 22 article - Powerful Profs.

FACULTY OF MEDICINE

PROFESSORS NEERU GUPTA AND YENI YUCEL, LEADERS IN glaucoma research, were winners of an Association of International Glaucoma Societies award, recognizing the best papers on glaucoma published during 2006 that stimulate further quality research, awareness of new development and a rewarding breakthrough and innovative research. The two were recognized in Singapore July 18 to 21 during the World Glaucoma Congress for their paper published in the journal Archives of Ophthalmology.

PROFESSOR ROBERT JOSSE OF MEDICINE IS THE WINNER OF the Distinguished Service Award of the Canadian Society of Endocrinology and Metabolism, given to a senior member of the society who has made a significant contribution to the society and the discipline of endocrinology in one or more of the following areas: research, education and clinical service. Josse will receive the award during the annual meeting Oct. 24 to 27 in Vancouver.

PROFESSOR EMERITUS MI ADEN VRANIC. AN ACTIVE MEMBER of the Department of Physiology, has been selected to receive the inaugural Lifetime Achievement Award of the clinical and scientific section of the Canadian Diabetes Association, given to a Canadian MD or PhD medical scientist nominated by his or her peers for longstanding contributions to the Canadian diabetes community and who is a leader in diabetes research. Vranic will receive the award, acknowledging Canadian achievement for a lifetime of commitment to research excellence, Oct. 27 during the association's professional conference Oct. 24 to 27 in

LLOF T MISSISSAUGA

THE COMMUNICATION, CULTURE AND TECHNOLOGY Building, designed by Saucier + Perrotte Architects, is the winner of the Award of Excellence in the institutional projects category of the Quebec Order of Architects Awards of Excellence. A number of festivities will be taking place this fall in each of the winning locations to celebrate the architecture and present the awards to winners. For almost 30 years the order has organized the Architecture Awards of Excellence, a competition whose aim is to enhance the value of architectural achievement that best represents the excellent work being done by Onebec architects.

STUDENT SERVICES

MARILYN VAN NORMAN, A FORMER DIRECTOR OF STUDENT services and the Career Centre, is the recipient of the Life-Time Membership Award of the Canadian Association of Career Educators and Employers (CACEE). The award will enable Van Norman, a singularly deserving longstanding member, to continue her affiliation with CACEE. Van Norman, an active member and volunteer in the association, received the award in June at the national conference in Kingston, Ont.

COMPILED BY AILSA FERGUSON



Fourteen Win New Teaching Award

Fourteen University of Toronto faculty members have earned the province's inaugural Leadership in Faculty Teaching (LIFT) award, designed to recognize and encourage teaching excellence at Ontario's colleges and universities.

Any student or faculty member at an Ontario college or university can nominate someone for consideration. Those chosen are selected for their success in influencing, motivating and inspiring students and demonstrating leadership in teaching methods for the diverse student hody in Ontario. The awardees each receive \$20,000 over two years to encourage continued excellence in the classroom setting.

"Faculty who go the extra mile to provide college and university students with an outstanding learning experience should be recognized for their teaching," said Chris Bentley, minister of training, colleges and universities, when nominations opened in January.

The U of T winners are: Derek Allen of philosophy, who "cultivates a student's critical skills and connects the abstract to the

concrete": Zuhin Austin of pharmacy, who is "at the forefront of lifelong learning initiatives that harness community and cross-cultural learning opportunities"; Ken Bartlett of history and Victoria College, who "consistently develops ways to engage students and integrate the research life of the university into their academic experience"; Kirk Blankstein of psychology, "whose passion for teaching is noticeable in his use of modern teaching tools such as movie clips from rare collec-"; Yu-Ling Cheng of applied science and engineering, who is "a creative, inspiring, selfless and tireless teacher devoted to better preparing her students for life beyond university"; and Robert Campbell of humanities at U of T Scarborough, whose "ability to reach out and teach every student individually no matter the class

And: Corey Goldman of ecology and evolutionary biology, whose innovations include the Biome online community that connects life sciences students with each other and the First Year Learning

size makes his classes sought

Communities program; Clare Hasenkampf of biological sciences at UTSC, "a creative and enthusiastic instructor who is passionate about her material"; Steve Joordens of life sciences at UTSC, who has the remarkable ability to stimulate students to think critically and creatively about what they are learning"; Daniel Heath Justice of English, who "builds a bridge between aboriginal and European-based worlds of knowledge"; Scott Mabury of chemistry, whose lecture podcasts "have become a highly rated feature of his courses and an acknowledged benefit to students with different learning needs"; Dwayne Miller of chemistry, who "brings cutting edge research into the classroom and makes it accessible to his students": Judith Poë of chemical and physical sciences at U of T Mississauga, who has "created a system of virtual office hours which allows her students to ask both public and confidential questions outside of normal office hours"; and Janice Gross Stein of political science, "whose leader-ship has fostered didactic research opportunities for students.

Museum Studies Bus Tour Evokes Childhood Memories

Bv Kathleen O'Brien

More than 30 incoming museum studies students played hooky the first day of school as they boarded a 47-seat bus, boxed lunch in hand, to tour several museums on the outskirts of Toronto. Just like when they were kids, the class trip even included the buddy system, lunch swapping and museum trivia, and it also included U of T alumni leading the tours.

When the master of museum studies program joined the Faculty of Information Studies (FIS) last fall the orientation week tour typically took students to museums around the city but they missed the interesting and sometimes quirky museums on the outskirts of Toronto. This year, FIS faculty and staff arranged the first Magical Mystery Museum Tour, based on the Beatles' Magical Mystery Tour theme, to give students a new experience.

We combined academic and social interactions to give students an appreciation for the

varied types of work being collected and displayed just outside our city," said Wendy Duff, interim director of the museum studies program. With the larger incoming class - 50 per cent larger than last year - the outing also helped students get to know each other.

Main tour organizer and museum studies professor Lynne Teather pressed alumni into service for a behind-the-scenes tour.

"We called on our network of alumni to show students what's possible with their degree. Their goodwill and professional commitment shone through as they provided, because of their vast experiences, exactly what students needed to know.

Student Sonjel Vreeland liked the idea. "It was neat going to all these places to hear both sides of the museum story. First as a visitor and then as an insider, we got to see and hear how it's all put together."

Students put in a full day Sept. 4, first stopping at the McMichael Canadian Art Collection in picturesque Kleinburg. Alumna Shelley Falconer, director of exhibitions and programs and senior curator, showed students many art works on display, including the largest collection of Group of Seven paintings in the country, and discussed how the museum has reconciled differing views about what constitutes art and how it has managed expansion.

"I see having students here as an extension of the academic experience," said Falconer, who teaches Museums and New Media for the program. "There is a seamless alignment between our communities."

Afterward, the group headed off

to one of Hamilton's most recognized landmarks - the magnificently restored 40-room Dundurn castle, former home of one of Canada's first premiers, Sir Allan Napier MacNab, where they heard from director-curator and alumnus Ian Kerr-Wilson. The final stop was Hamilton's Workers Arts and Heritage Centre where students played with interactive recreations of various jobs that Canadians hold, all displayed in a former Customs House built in 1860.



Museum studies students (left to right): Isaac Crawford, Kristie Taylor and Heather Yenco board the tour bus, lunch boxes in hand.

Frosh Week Diary

By Bea Palanca

8:46 a.m., frosh week: day one

For me, frosh week started with an already exhausted body mind and spirit. I've been working for six consecutive days. But 1 made my choice of attending as much frosh as 1 can.

Upon exiting St George station, I spotted a group of "kids" in bright green tees: the House Leader, holding up a banner that read, UC Orientation.

Next up was sign-in and registration for those who haven't. I got stuck in the longest line of all of them. The wait wasn't had. I just wish I had had someone to talk to or dance with while the music blared through the speakers.

After thinking about it, I realize that for the first time in several years, I am in a place of hundreds of people, where I literally know

The well-known, well-liked, rightly placed and distinguishable Bea of high school didn't enter the UC Quad with me I now wanted people to turn and talk to me; I was telling them to befriend me telepathically -- right until I got placed in my house. Then, I was asking them to not hate me all that much, if possible, 'cause I'm not all that bad.

UC Day was interesting. All (if not most) clubs, associations and

causes of University College had tables set up in the top floor of Hart House, Sign-up sheets, flyers and tons of information were made available to all frosh.

There were plenty of things to sign up for and it seemed that UC covers almost everything. Way to

Missed frosh day three today. Was so tired from last night's clubbing event — got home around 1:40 a.m., then had to shower! Although a generous girl from Edmonton offered her floor to me for the night, just in case I didn't make it in time for my last bus. I felt that I really should go back to Mummy's

I wonder if I missed much or if. by having gone today I would've formed closer bonds to the people I've been hanging out with. Maybe the seven hours on the Island would have done just that.

I asked Jenny, a good friend who is in another college, if she's making friends. She said, "Not really." I told her that I sort of am It's really a matter of whether they think that we are becoming friends

It isn't that I'm looking for a Best Friend for Life but I would like to think that these mini-relationships last for longer than the week. It'd be sad if they didn't. These are our memories and we want to remember frosh to be something good, that happened with friends

Having talked to Jenny gave me more insight into frosh. I feel like I'm back to being nine years old and new to Canada all over again. Having known only my parents, sisters and one aunt, the rest of the country was foreign to me. Now, the whole of UC is new to me. I really have no idea what goes on, how things go in this place. I really feel wary about it but at the same time, I'm ready to experience it. The idea of being here has been stewing in my head and I'm no longer just thinking about it. I'm actually here. It's somethin' else



Bea Palanca is a first-year University College humanities student. She will be sharing her first-year experiences with The Bulletin on a regular basis.

Professional Faculties Offered Array of Social **Events for Orientation Week**

"Orientation

makes them

feel welcome

By Maria Saros Leung

OSMIC BOWLING, SPEED DATING, a facilitated drumming session. U of T's 17 professional faculties have served up their own mix of events for orientation week, and they've moved beyond your run of the mill meet-and-greet sessions, to be sure.

It's not only undergraduates who need opportunities to feel like a part of the university community, said Professor Helene Polatajko, chair of occupational science and occupational therapy and the Graduate Department of Rehabilitation Science. For students new to LL of T orientation is

particularly important. Roughly 70 per cent of the 86 students entering the graduate program in the occupational therapy program are from other institutions. To make them feel welcome and introduce them to class-

mates, the incoming class was treated to a buddy welcome lunch, speed dating and a beach bash.

"For students coming to U of T for the first time orientation dissinates some of the anxiety they might have about it being a cold and unfriendly place," Polatajko. "Orientation makes them feel welcome and helps dispel fears early on."

The incoming class of 224 students at the Faculty of Medicine took part in a multitude of activities including an Amazing Race competition, a trip to Hart House farm and a speed meeting session. Other events focused on delivering opportunities for students to meet the dean and faculty.

"Orientation gives students the opportunity to feel like they are truly part of the university and our faculty," Dean Catherine Whiteside said. "We have the most ethnically and culturally diverse medical school in the world and this year's is the most exciting orientation yet."

"We're getting to know each other and build relationships before we head into a challenging

year" said incoming student Elizabeth Yeboah, a U of T pathobiology grad, at the dean's breakfast held at and helps dispel Hart House Aug. 28.

At the Faculty of Information Studies. graduate students in

the information studies program took part in the faculty's biggest orientation yet. Events included Taste of Toronto Tours and a facilitated drumming session on Centre Island. "This year we wanted to create a sense of community," said Christina Hwang, FIS student council president. "In previous years, orientation was fairly low-key. This year we have more than tripled the number of activities.

Cider 'n' Song

Hart House Farm Saturday, October 13, 2007

ACTIVITIES: Making cider (bring a container to take some home) Hiking in fall leaves Musical Entertainment Sauna Baseball Soccer

MEALS: Lunch upon arrival Supper in late afternoon.

TRANSPORT: Buses leave Hart House at 10:30 a.m. Expected departure from the Farm is 7:00 p.m.

ADVANCE TICKET SALES: including Thurs., Oct 11:
Cost per person: \$25.00 with bus; \$20.00 without.
Purchase tickets early to avoid disappointment!
Tickets after Thursday, Oct. 11:
Cost per person: \$30.00 with bus; \$25.00 without.

Tickets now available at the Hall Porters' Desk.

Members may sponsor up to two guests (exceptions to be approved by the Farm Committee). Pets are not permitted at the Farm. Families and children welcome. Children's rates available.

Note: Events at Hart House Farm are run by volunteers

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Faculty Share Strategies With Newcomers

By Maria Saros Leung

PROFESSOR SHAFIQUE VIRANI HAS some advice for colleagues embarking on their first year of teaching at the University of Toronto. "One of the challenges of being at U of T is that its such a big place, but that's also one of its advantages."

The professor, who has a joint appointment in the study of religion and historical studies, arrived at U of T last year after holding positions at Harvard University and Zayed University in the United Arab Emirates. Virani, an Islamic studies scholar, had to acclimatize himself to two new settings as he teaches at both the St. George and Mississauga campuses.

Virani credits a number of strategies for making his first year at U of T a success. Among them he includes participating in orientation week, taking advantage of the many learning opportunities available to faculty and getting to know his students. "My colleagues joked that I should have a revolving door to my office because I have so many students visit me during office hours."

For Professor Creso Sá of OISE/UT, connecting with students was also vital in his first year. The professor of higher education came to U of T after completing his PhD at Pennsylvania

State University. "I was new to Canada and mindful of the need to understand Canadian culture. I feel I have come a long way in just a year, thanks in great part to interactions with students."

U of T is not only a big place, it's a diverse place, and new instructors should take cues from the diversity of their students, according to Sd. "It's challenging, to create an environment for folks with a multitude of backgrounds and assumptions about teaching and learning. You need to employ a range of approaches to connect individually with students. Achieving that balance was one of the greatest rewards for me."

For new faculty members who may be overwhelmed by U of Ts size, Virani is reminded of a passage from The Hitchhiler's Guide to the Galaxy: "Space is big... You just won't believe how vastly, hugely, mind-bogglingly big it is. I mean, you may think it's a long way down the road to the chemists, but that's just peanuts to space."

"When you take into account the close friendships that you develop here, the opportunities for mentorship, the exciting research collaborations and the opportunities to become involved on committees, U of T can seem a comfortable size," Virani added. "It's all a matter of perspective."

Shafique Virani's Top Five Tips for New Faculty:

1. Use the buddy system. It worked in kindergarten and it works here too. Find a buddy with whom to commiserate, be conjusted and share the ups and downs of your first year here. Being lost alone is simply being lost with a friend is an adventure.

2. Be organized. Use a personal planner such as a Palm Pilot, MS-Outlook or even an old-fashioned diary U of T is a busy place and keeping on top of all your appointments and responsibilities will make it seem less overwhelming.

3. Get to know your students. Invite them to your office hours. Have lunch with them. Arrange a field trip. We have amazing students here at U of T and your interactions with them can be some of the most rewarding experiences you'll have.

4. Make time for yourself. Consciously block off times during the week when you will do nothing but attend to your own research.

5. You're good — become better.
Attending sessions offered by the
Office of Teaching Advancement,
the Resource Centre on Academic
Technology and the library is fun,
puts you in touch with other motvated faculty members and is a
great way to improve your skills.

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Two U of T Researchers Send Experiments Into Space

By Mary Ann Gratton and Maria Saros Leuno

WHEN A FOTON SPACECRAFT launches from Kazakhstan on Sept. 14, two U of T professors will be bidding farewell to its passengers. Not to astronauts — the ship is unmanned — but to their experiments.

Professors Reginald Gorczynski and Rene Harrison are two of only three Canadian researchers involved in the eOSTEO Experiments — a joint venture between the Canadian Space Agency and the European Space Agency that is the first to study bone loss in living bone cells in vitro from space without on-site supervision by astronauts.

Bone loss is accelerated in the zero gravity conditions of space, making it an ideal lab. Astronauts lose a significant amount of bone in microgravity (the state where gravity is reduced to negligible levels) — an estimated two per cent per month, which is approximately 10 times faster than in sever

back on Earth, studies have shown that they do not fully recover this bone loss.

Gorezynski of surgery and immunology will be examining the impact of microgravity on CD200, a molecule he discovered that regulates bone loss. In the microgravity conditions of space, Gorezynski found that bone cells produce too much CD200, which causes increased bone cell turnover and, the believes, contributes to the loss of bone mass in astronaus. He will be testing this hypothesis by sending mouse cell samples aboard the Foton shurile

"If we can manipulate bone loss and bone growth by targeting these molecules in microgravity, which is really an accelerated form of osteoporosis, we think we may be onto something particularly relevant, not only just for astronauts but for osteoporosis on the ground," Gorzynski said.

In 2003 Gorczynski's team sent experiments including studies of CD200 into space on the shuttle Columbia. Tragically, the craft was destroyed on re-entry, killing seven astronauts and destroying nearly 100 experiments. Gorczynski's team was one of four U of T research teams to lose its research.

Harrison, a professor of biological sciences at U of T Scarborough, aims to shed light on the processes around bone loss. Since microgravity fosters bone loss, she hopes to learn more about disuse osteoporosis, a form of osteoporosis in which patients are bedridden or paralyzed because their bones aren't able to bear weight. The focus of Harrison's research will be on the interplay between osteoblasts bone making cells - and osteoclasts - bone degrading cells. The specimens, about one million bone cells from lab mice, occupy less space than an average pencil case

"When you are healthy, these two types of cells work in equal balance but when osteoprosis sets in there is a shift in that balance that leads to bone loss and we don't know exactly how it happens," said Harrison.



Scarborough biological sciences professor Rene Harrison is sending bone cells into space to research osteoporosis.

She and technician Arian Khandani and PhD student Noushin Nabavi will monitor the 12-day flight from the European Space Agency's microgravity space lab in the Netherlands

Genetic Manipulation Holds Key to Controlling Fever-Induced Seizures

By Nicolle Wahl

When your body cranks up the heat, it's a sign that something's wrong—and a fever is designed to help fight off the infection. But turning up the temperature can have a down side: in about one in 25 infants or small children, high fever can trigger fever-induced (febrile) seizures. While the seizures themselves are generally harmless, a prolonged fever-resulting from infection or heat-stroke of over 108 F (42 C) can eventually lead to respiratory distress, cognitive dysfunction,

brain damage or death.

New research by scientists at the University of Toronto Mississauga and Queen's University has shown that genetic variation in the foraging gene results in different tolerance for heat stress and demonstrates how the use of specific drugs can replicate this effect in fruit flies and locusts. While the findings are at an early stage, the researchers suggest that since this genetic pathway is found in other organisms, it could lead to ways to rapidly protect the brain from extremely high fevers in mammals, including humans. The new study

appeared in the Aug. 22 issue of the journal *PLoS ONE* (Public Library of Science ONE).

"Our research suggests that manipulation of a single gene or genetic pathway will be sufficient to rapidly protect the nervous system from damage due to extreme heat stress," said Professor Marla Sokolowski, senior researcher and Canada Research Chair in genetics.

In their research, post-doctoral fellow Ken Dawson-Scully and Sokolowski demonstrate that the foraging gene, responsible for a protein called PKG, protects against heat-induced neural failure in fruit flies and locusts. When they increased the temperature by 5 C per minute, they found that fruit flies with a lower level of PKG experienced neural failure at much higher temperatures than those with higher levels.

Using drugs that interact with the PKG molecule, the researchers showed it is possible to induce an extremely rapid protection of neunal function during heat stress. Queen's biologists Gary Armstrong and Mel Robertson exposed locusts to increasing heat while monitoring the neural circuit that controls breathing. At approximately 30 C (about three minutes before expected neural failure), the researchers injected the locusts with a PKG inhibitor. Compared with locusts that received a placebo njection, the treated locusts showed a rapid and significant protection of their neural circuitry.

"During heat trauma to the brain, there exists a window of opportunity between the time of occurrence of neural dysfunction and eventual brain damage or death," said Dawson-Scully "Mamipulation of the PKG pathway during this period should increase an individuals chance of survival."

Geography Professor Has 'Healthy' Interest in the Community

By Carla DeMarco

Kathi Wilson knew geography was the subject for her when she took a class in high school.

"I was fortunate to have the most amazing geography teacher, Mr. Lino Fuciarelli, who introduced me to a world of people and places," said the assistant professor at University of Toronto Mississauga. "I natively thought geography was just about maps and landforms but geography respectively are alive in his classes." Geography continues to live and breathe for Wilson, who has been a faculty member in LITM's

and landforms but geography really came allew in his classes."
Geography continues to live and berathe for Wilson, who has been a faculty member in UTMS Department of Geography since 2003. It was during Wilson's university days, in a class called Geography of Health and Health Care, that she found her true niche. "Before that time I had not given much thought to how important geography is for health and Well-being," Wilson said. "It

was at that moment that I decided I wanted to have a career that focused on why certain places and people are healthier than others."

"I'm interested in how places affect health either positively or negatively — for example, environmental exposures or access to



UTM professor Kathi Wilson got hooked on geography in high school.

Her current research focuses mainly on the relationship between determinants of health and neiphbourhoods.

recreational opportunities — but also how health shapes individuals' experiences of places," Wilson said. Her research has evolved into two strands: the first concentrates on issues related to healthcare access, the second focuses on the role of neighbourhood environments — both physical and social — in determining an individual's health and well-being.

Wilson works closely with the Dixie Bloor Neighbourhood Centre in Mississauga in conjunction with the Healthy City Stewardship Centre, an award winning initiative aimed at improving the health of the people in Mississauga. She is involved with several "interrelated projects that examine the importance of the Dixie Bloor Neighbourhood Centre for shaping immigrant settlement experiences, health status, as well as access to health care and social services." She enjoys seeing the impact of her research on the community.

"I have had the opportunity to embark on a number of projects that will have implications for program and policy development at the local level." Wilson said.

She said initially she approached the research projects from an academic angle but speaking with residents has provided a more thorough community-based representation of what they regard as important issues, often things that are not captured in the literature. She would like to conduct a longitudinal study on health and neighbourhood environments that would involve data collection at five- and 10-year intervals to see if people's perceptions of their health. well-being and neighbourhoods change over time

Wilson noted that being part of the Mississauga campus and her partnerships with the broader Mississauga community fuel her fire for research. 'Having strong connections to the community and community-level support to do research is an incredible opportunity,' said Wilson.

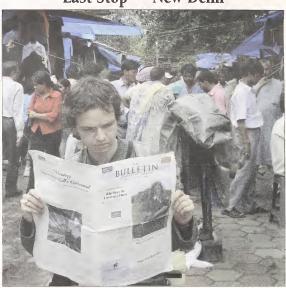
CARLA DE MARCO

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Last Stop — New Delhi



While on the Faculty of Arts and Science language study elsewhere bursary scholarship, Rory Lindsay, a master's student in religious studies, stopped to catch up on news back home during a stopover in New Dehli this past summer. Send a photo of yourself reading The Bulletin in an interesting locale to elaine.smith@utoronto.ca. If we publish it, you'll win a U of T mug.

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U of T Sole Canadian Venue for South American Art Exhibition

Astellar exhibition of 17th 19th-century Latin American painting makes its only Canadian stop at the University of Toronto Art Centre from Sept. 4 to Dec. 9.

The Virgin, Saints and Angels South American Paintings 1600-1825 from the Thoma Collection is one of the first North American exhibitions to focus exclusively on the visual tradition of the Spanish Viceroyalty of Peru. The vicerovalty comprised present

engaged intellectual debate, the university is an ideal venue in which the public can experience and study these little-known paintings at first hand," said Niamh O'Laoghaire, director of the U of T Art Centre.

The exhibition is organized around three primary themes. Culture transfer explores the interaction of the Spanish and the indígenous peoples of South America. Conversion details the process of conversion to Catholicism while devotional



The Christ Child Painting the Last Four Things.

day Bolivia, Columbia, Peru, Paraguay, Uruguay, Panama and parts of Argentina and Chile.

The 55 paintings on display offer enduring evidence of how one religion, Catholicism, was lived and experienced by the many peoples of South America. The exhibition, mounted in partnership with the Latin American studies program, will be accompanied by a wealth of programming, including four public lectures, an interdisciplinary symposium and a gallery tour.

images reveal the extraordinary wavs in which the belief systems of the Spanish and the South Americans resulted in strikingly original images.

For historian Kenneth Mills, director of Latin American studies, the exhibition promises multiple opportunities for 21stcentury viewers to enter into thought worlds that surrounded the cult of the saints in modern tímes, to contemplate a Catholic Christianity that was not only visual but highly participatory."



St. George and the Dragon, Unidentified Workshop, Quito, Equador.

Nuit Blanche Night School Turns Traditional Teaching on Its Head

By Maria Saros Leung

F YOU EVER WISHED YOU COULD Introduction Psychology for a lecture on ant societies or a geometry tutorial for a crash course on mind-reading then Night School is a must-see stop for you.

Night School is just one of the many events happening at U of T for Scotiabank Nuit Blanche 2007 Sept. 29. The exhibition will transform Hart House into a onenight school of unconventional knowledge. "We want to play on the fact that we are set within the university context but want to spin the idea of the school from an oblique angle," said Barbara Fischer, current director and curator of the Justina M. Barnicke Gallery at Hart House and curator of Night School.

The exhibition will feature performances and installations by artists interested in reverse pedasubversive lecturing. upside-down departments and sliding disciplines - from astrology to astronomy and alchemy to chemistry

MacDonald, directorcurator of the Doris McCarthy Gallery at the University of Toronto Scarborough, is curating an exhibition by UTSC alumnus Will Kwan.

Kwan is taking his inspiration from Thomas De Quincey's Confessions of an Opium-Eater. In addition to documenting De Quincey's laudanum-induced hallucinations, the novel, published in 1823, explores the author's fascination with the East.

"Will is selecting images that reflect the West's fascination with Orientalism in the 19th and 20th centuries and projecting them through a human-scaled kaleidoscope. He's created this work specifically for Nuit Blanche, Macdonald said

Other artists featured at Night School will act as tutors who will give instructions on how to read minds, lie and make excuses effectively. Visitors should leave mom's golden rules at the door.

"We often understand schooling from the perspective of the enlightenment," Fischer said. "With Night School, we're delving

into spaces that are not normally illuminated, bringing topics on the fringes of knowledge into the curriculum."

One taboo topic to be explored is artist Darren O'Donell's "slow dance with the teacher" taking place in the Great Hall. "We've probably all had a crush on a teacher at some point in our education," explained Fischer. "Darren's exhibit is bringing to light something that is often not verbalized while playing with traditional notions of power

Some of the exhibitions will be

structure.

Maiko Tanaka is curating a serie of artists' instructional videos that feature such topics as teaching a dog to spell or the proper way to use kitchen utensils.

"By virtue of these events taking place at night, there's a certain kind of magic added to the installations," MacDonald said

Student Musicians to Release Album

By Denise Tse

RGANIZED SOUND, A STUDENT music collective at U of T Scarborough, will celebrate its first anniversary this fall with the release of an album.

The CD Dream Out Loud, features music by more than 30 student artists and musicians. It was recorded at a live concert in March, with the recording costs funded by the Council on Student Services. It will be launched at a release party on campus.

As part of the promotional activities for the release, copies of the CD were given to frosh week attendees. Organized Sound also performed outdoors at orientation's annual Mini-Mosaic event. The CD will sell for \$10, with proceeds from sales to benefit the U of T Scarborough community.

The album showcases live music that spans various musical genres - hip-hop, rhythm and blues, rap, heavy metal and more classical instrumental elements. It also features aural art - which organizers describe as a combination of music, song, poetry and spoken word.

All of the student creations share the aim of "engaging the student body in meaningful dialogue," said Andre Vashist, the lead co-ordinator of Organized Sound and a fourth-year biology and cultural anthropology student.

Vashist said the collective aims to facilitate meaningful dialogue among the student body so its aural art comments on social issues as well as personal life experiences. That also means that music is not the only medium through which the collective expresses this dialogue - public speaking, for example, is also welcomed.

Visit www.organizedsound.ca for more information on Organized Sound and to listen to some of the participants' work.



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Contact Philip Peacock at 416.218.8344

Bresoia is Canada's only university-level women's college. Located in London on beautiful grounds next to The University of Western Ontario, with which it is affiliated, Bresoia \$81 faculty and 1100 students enjoy the activity and resources of a large university and the sense of community that is found on a small campus. Bresca offers social selection of the sense of commanding the sense of commanding the sense of the

Established in 1919, Brescia is a Catholic college in the Ursuline tradition that welcomes students of all nationalities and retigious faiths. The resulting exchange of ideas and perspectives fosters community, mutual respect and understanding. Brescia provides women with unparalleled opportunities for academic and leadership development. For further information, please wist wow brescia, uwo, as

The Principal is the chief executive officer of Brescia and is responsible to the Council of Trustees of Brescia University College for its

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The successful candidate will be a creative thinker and strategic leader with outstanding organizational and interpersonal skills, a dedication to excellence in teaching and research, and the leadership ability to guide the affairs of the overall institution. Candidates must have a thorough gresp of contemporary issues in post-secondary education, experience or interest in advancement, a collegial working style and the ability to represent the interests of the institution effectively with both internal and external constituencies.

The search committee will begin considering potential candidates in the early fall of 2007 and will continue umit the role is successfully filled. Correspondence should include curriculum vites and a letter of introduction including specific achievements and relevant experience. All documentation will be treated confidentially and should be directed to Rescal's executive search consultants:

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2007 Stubbs Lecture

David M. Halperin

Department of English University of Michigan

Thursday, September 27

Tragedy Into Melodrama: Towards A Poetics of Gay Male Culture

4:30 p.m., Room 140, University College 15 King's College Circle, University of Toronto



Members of the faculty, staff, students and the public are cordially invited

IN BRIEF



SINERVO STEPPING DOWN AS DEAN

PROFESSOR PEKKA SINERVO WILL BE ENDING HIS TERM AS DEAN OF THE Faculty of Arts and Science June 30, 2008 - one year early - following a four-month administrative leave, in order to refocus on his leading scholarship in particle physics at a time when one of his long-term research projects is scheduled to begin data-taking in Switzerland. "Professor Sinervo has been engaged in academic administration continuously since 1997 and in the Faculty of Arts and Science dean's office since 2000," said Professor Vivek Goel, provost and vice-president. "He has worked with the faculty to achieve a great deal during his terms as vice-dean (graduate education and research), as vice-dean (academic), as dean and more recently, as dean and vice-provost (first-entry programs) — all the while, maintaining a high level of engagement in his academic discipline. It is with regret that I have accepted his request for an early departure." Sinervo had asked to complete his position as dean early because an administrative leave he had planned would conclude close to the end of his term and he had indicated that he would not be seeking a further term as dean. The timing of this leave is of particular importance, given that one of Sinervo's long-term research projects, the ATLAS experiment at the Large Hadron Collider in Geneva, Switzerland, is scheduled to begin data-taking in spring 2008.

UTSC PRINCIPAL TO BE INSTALLED

THE INSTALLATION CEREMONY FOR PROFESSOR FRANCO VACCARINO OF psychology, the ninth vice-president and principal of the University of Toronto Scarborough, takes place Sept. 17 at 11 a.m. in the Scarborough campus' Academic Resource Centre lecture theatre. He officially began his five-year term July 1 after serving as chair of the psychology department. The ceremony will feature the swearing of the oath of office, robing and several musical performances. Speakers include Mary Anne Chambers, Ontario minister of children and youth services and an alumna of the campus, President David Naylor, Professor Vivek Goel, vice-president and provost; Chancellor David Peterson; Rob Wulkan, president of the Scarborough Campus Students' Union, and other U of T faculty and staff members. Anyone interested in attending can e-mail events@utsc.utoronto.ca or call 416-287-7080.

COURT RULES ANCILLARY FEE PROCESS FAIR

AN ONTARIO COURT HAS FOUND IN FAVOUR OF THE UNIVERSITY OF TORONTO. reaffirming the process used to set ancillary fees at Canada's largest university. "We welcome the court's decision as it acknowledges our policies and procedures and our adherence to them," said Professor Vivek Goel, vice-president and provost. "This ruling also ensures that we will be able to deliver on the wishes of the vast majority of our students, ensuring their access to athletic facilities at the Varsity Centre." Goel added that the university remains committed to continuing to work with the many groups that represent students at U of T. "We look forward to moving ahead in our ongoing dialogue on this and other issues with those who represent our student groups at all three of our

TAKE PART IN ACTIVE U DAY

THE FACULTY OF PHYSICAL EDUCATION AND HEALTH IS ENCOURAGING U OF T students, staff and faculty to get more daily physical activity by offering a series of free fitness classes at the Athletic Centre and Varsity Centre Sept. 19, Active U Day. The drop-in classes include belly dancing, introduction to running, swimming, squash, yoga, Pilates, salsa, cycle fit and beginner golf. Participants can also talk to instructors and staff about other ways to build activity into their daily lives. All classes are free to students, staff and faculty. No registration is required (first come, first served). Visit www.activeu.ca for more details about these and other

A Century of Leaders of the Mind, **Psychiatry Turns 100**

By Anjum Navyar

HE DEPARTMENT OF PSYCHIATRY at the University of Toronto is not what it used be; it's a whole lot more. As it begins its centenary year, the department's breadth of programs makes it one of the largest depart-

ments of psychiatry in North America.

century-old department, administrative offices are located at the Centre for Addiction and Mental Health, has come a long way since its inception in 1907 growing from a small team to the powerhouse that it is today. with 700 faculty 60 fellows. 130 residents and eight fully affiliated teaching hospitals. The department's Professor Donald Wasylenki. credits C K Clarke II of Tk

first professor of psychiatry, for his leadership and the department's initial

"He was a very strong leader who had a vision for psychiatry. Wasylenki said. "He attracted people here."

Wasylenki said there is a great deal of excitement surrounding the centenary and the department's history. "It's a feeling that we have really matured and that we are very prominent both nationally and internationally," he said.

The department has 14 aca demic programs, each of which conducts leading-edge research and highly regarded educational

activities. Internationally, the department provides a highly innovative training program for primary care physicians seeking to become psychiatrists in Ethiopia and participates in capacity building activities in Sri Lanka and China

Old provincial asylum on Queen Street.

Department faculty members rovide leadership for the Faculty of Medicine's Centre for Faculty Development at St. Michael's Hospital and the Wilson Centre for Research in Education at the University Health Network. With regard to research, the department attracts roughly \$40 million annually in external support.

"We consider our status within the Faculty of Medicine to be extremely important for our discipline and we are very pleased to be succeeding academically and providing important leadership in key areas," Wasylenki said.

A very significant current initia tive is the move of the Centre for Addiction and Mental Health to an urban village site on Oueen Street West. This will further integrate both clinical and academic activities as well as mental health and addiction focuses

The centenary celebration will kick off with an opening reception today (Sept. 11) at Medical Sciences Building. In June the department will also bring internationally recognized experts and scholars to the university for a series of centenary lectures focusing on the evolution of psychiatry. Celebratory events also include a performance of Sir Peter Maxwell Davies' one-act opera Eight Songs for a Mad King in November.

Wasylenki said the department faced challenges in past decades because of the stigma around psychiatry as a career in medicine.

"Often in medical school people would say to students, Why would you want to spend time doing that? That's not really medicine. But I think we've been successful in changing attitudes as we have many more applicants than training positions now and there is a great deal of excitement about new developments in our field," Wasylenki said.

www.utpsychiatry.ca/ centenary/ for more information about the history of psychiatry and about the centenary festivities.

U of T Launches New Events Website

By Ailsa Ferguson

 $I^{\scriptscriptstyle \mathrm{T}}$ was some time in the making, but the launch of the new events calendar website Aug. 30 was picture perfect.

"It has been a long road, from its initial concept to launch, but it has launched without a hitch," said Chad Holden, developer/analyst in the web services project office. "Comments thus far have been positive," he added. "The most frequent comment we receive is: Finally a place we can post all of our events! We've been waiting for something like this. It's so easy to use!"

Among the site's enhanced features are the ability to post events under multiple categories under Seminars, Lectures & Colloquia and General Events, for example, or General Events, Performances & Exhibits and Featured Events. And for easy sorting, users can search for

events by category, audience or sponsor. "This enables the generation of multiple RSS feeds, and more important, allows other U of T sites to integrate event content from the calendar into their sites," said Michelle Cortes, social media officer in strategic communications. (RSS is

Register your event at www.events.utoronto.ca.

syndication format that allows users to subscribe to a feed that notifies them of the most recent additions to the types of events that interest them.)

The calendar is intended to list events happening within the university community and to reduce duplicate information about events published on the U of T website. Anyone who has an active UTORid can submit an event using their login, so users don't need to remember yet another user ID and password. To gain posting privileges, get an RSS feed and information regarding almost anything related to the calendar, there's a section entitled About This Site, which also lists a number of frequently asked questions as well as policies and procedures.

"We've got to thank the many people who helped along the way," Holden said. "This couldn't be possible without the help from UTM and especially Jenny Hu and her dedication to the project.'

A work in progress, the calendar will be continually improved and updated, with enhanced sorting and better interaction with other sites on campus.

"The new events calendar is a big step in improving the U of T web presence. Enabling our various U of T communities to contribute in a consistent way results in a tool that is useful for everyone," Cortes said.



Students take notes during political science professor Nelson Wiseman's class.

Student-Faculty Ratios

-Continued From Page 1-

current 30 to about 25. In 2006-07, the faculty accepted 700 fewer first-year students. This year the intake was greater than last year, but the goal for the next five years is to reduce intake so that the overall undergraduate population of the faculty reaches a smaller stable size by 2011. With smaller enrolments, Loney said, the faculty will be able to provide students more access to courses they prefer instead of just the minimum courses required to graduate

'If you can reduce the overall demand by reducing the size of the overall student body, you can offer students more choices within their programs," said Loney, "and you also have more opportunity to introduce innovative curricular changes, especially in first year, to give a bet-

Moreover, Loney said, smaller enrolment will help strengthen the first-year experience of arts and science students. "Most students who have difficulty encounter it in their first year and once they figure out where their aptitudes lie, they get on track and do well," he said. "So what we need to do is to focus on the first year and especially on those students who are having difficulty."

Scarborough's Creative Solution to Expansion: Joint Programs

AKE A LOOK AT THE JOINT PROGRAM IN TAKE A LOOK AT THE JOHN THOSE DAY DAY AMERICAN DAY AND THE DAY AND Scarborough and you can now see what resulted from some very creative thinking the last time U of T experienced an enrolment surge

It's the only degree-diploma program in paramedicine in Canada," said Professor Stephen Reid, the program's director. Students coming out of this program would be ones that would take leadership positions within the ranks of the paramedics and they might have more upward mobility. he noted. Or they could go to graduate school or medical school. After four years of study, students graduate with a bachelor of science degree and a diploma from Centennial College.

It's one of a large number of joint degree programs that have come to define some of the unique academic programming at UTSC The campus also has joint programs with Centennial in journalism, new media, industrial microbiology and environmental science and technology.

The first if these programs emerged in 2002 when Scarborough was anticipating growth as a result of the double cohort, recalled retired professor Joan Foley, a former vice-president and provost and current university ombudsperson, who helped launch them.

These programs had the potential to help sustain the level of enrolment that we were aiming to grow to by bringing the campus to the attention of students that may not otherwise have considered it," Foley said. "The idea for Scarborough was to grow to nine- to 10,000 students because this would make the whole operation much stronger, with more faculty and more facilities."

The Towards 2030 discussion document on U of Ts future also suggests that joint programs like paramedicine could be a hallmark of the university's partnership with the local community.

Most important, though, they help students succeed by teaching the theory that comes from a university curriculum, alongside job training through hands-on practice and field placements that come in a college program. Approximately 120 students are in each one of the joint degree programs with Centennial; Centennial faculty teach anywhere from four to seven full credits in a 20course degree program.

In the paramedicine program, students spend time at the Centennial campus and in co-op placements throughout the duration of the degree program.

Visit www.utsc.utoronto.ca/~itprogs/ for more information on the joint programs at Scarborough.



Paramedic student Blair Gigham.

Taking on More Grad Students

Enrolment Discussion

S U OF T ENROLS THE FIRST CLASS OF A Ahistoric expansion in its graduate school - part of Ontario's plan to increase the number of graduate students provincewide — departments across the university are finding different ways to turn sudden growth into lasting opportunity.

Professor Scott Mabury, chair of chemistry, is all smiles as he talks about his

department's growth in chemistry master's and doctoral programs. This year, the department will enrol 250 graduate students in graduate programs across all three campuses - up from about 150 students four years ago. Mabury is

personally supervising 10, up from six in 2005. Mabury said the department has been preparing for the increase, planning for 259 graduate students by 2010.

"We were constrained by how many students we could admit as recently as just three to four years ago," Mabury said. In the past four years, though, the department has added 10 faculty members - in order to advance its own vision of graduate expansion even before the provincial program began.

Mabury noted expansion served to meet unmet demand. "We wanted to do this growth irrespective of what resources we would get.'

Within the past year, the university approved a framework for graduate expansion, planning to add about 4,000 new master's and PhD students by 2009-10.

"Graduate education is a distinctive feature of the University of Toronto and is a defining part of our vision," President David Naylor told The Bulletin at the time. "Graduate students are the lifeblood of research in the university and an essential component in linking research and teaching."

During the past year, School of Graduate Studies representatives attended more than 30 graduate fairs on university campuses in the Maritimes. Ontario and Western Canada. It also ran an advertising campaign in about 40 student newspapers on campuses across the country

Professor Susan Pfeiffer, dean of graduate studies, said the recruitment campaign conveyed two parallel messages about graduate programs and graduate life at U of T.

"One is that the University of Toronto. with its diverse academic programs and multitude of research opportunities

and resources, offers an incredibly intellectually stimulating environment for pursuing one's scholarly ambitions," she said. "The other message is that because the university's graduate departments are small compared with the

university's total size, the graduate experience here is one of belonging to a close-knit

Today, Mabury noted, that chemistry has "managed to greatly expand the graduate student numbers while simultaneously increasing quality." The department invited prospective students to recruitment weekends and sent faculty out on recruiting visits. Their research prowess attracted the best and the brightest. "My faculty is just over the moon at the numbers and the quality," he said.

And keeping quality high is as much a focus once graduate students are in the lab as it is when they are being admitted. To make this happen he has also ensured that mentoring by faculty is given priority.

"They spend no more than 20 hours a week in committees or any other form of meeting to protect what's truly most important - the time that faculty spends with each student is more important and fundamental to the mentoring process," Mabury said. "I see every single one of my [graduate] students every single day. I will stop into the lab and I'm aware of the experiments going on."

In other departments, like laboratory medicine and pathobiology in the Faculty

-Continued on next page

U OF T STUDENT-FACULTY RATIO

- In the last 10 years, the University of Toronto student-faculty ratios have increased from 14:1 to 24.1, an increase of close to 70 per cent.
- U of T's student-faculty ratios run 60 per cent higher than the average in American peer institutions and 20 per cent higher than the Canadian peer mean. Source: Towards 2030

Master of Social Work **Enrolment Increases**

The Factor-Inwentash Faculty of Social Work building on Bloot Street is a flurty of activity these days. New classrooms and offices are being constructed, new faculty members are arriving, space is being made for new administrative staff and approximately 206 new students are expected to fill the halls in the full-time master of social work program this fall. By the end of the faculty's graduate growth, numbers in the program will have skyrocketed by 50 per cent. It's no surprise that the faculty is now the site of such commotion.

"This kind of graduate growth is absolutely unprecedented," said Professor Cheryl Regher, dean of the faculty. It's all part of the university's commitment to meet provincial goals for increased graduate enrolment provincewide. In the next two years, the University of Toronto has committed to accepting more than 4,000 additional master's degree and PhD students.

Thanks to a generous new \$15-million donation the faculty received in the spring of this year, it will be able to accommodate five additional new full-time faculty members and offer 50 new scholarships, all with the goal of gearing up for the largest student numbers it's ever had

With the large numbers of students expected in the program, the faculty has also had to change the way it places students in practicums at health centers and agencies. "We're in a process of practicum transformation. We had to hire two new practicum development officers who will help work with agencies," Regher said.

The faculty plans to hire three new faculty members this year and two over the next two years, at which point it will be at full capacity.

Regher noted Toronto's changing demographic has created a tremendous need for social workers, so increased graduate enrolment should help meet that need.

"Here in the GTA, we have this astounding growth in the population and with that growth, we're seeing an increasingly diverse community and many of those people are coming from very different living situations prior to coming to Canada," Regher said. We're really aware that the kind of services provided by social workers to assist neople with adjustment to work and to help people who are experiencing health and mental health problems."



(Top): Professor Cheryl Regher, dean of social work, pictured in one of the spaces being renovated to accomodate increased enrolment. (Left): Social work recruitment ad.

To prepare for an influx of students in the program, Regher said the faculty changed its approach to recruitment. They hired a program assistant whose job it is to go out and actively recruit undergraduates on all three U of T campuses and at other universities. The goal was to also approach students who may not know what social work is all about and pique their interest. And their efforts paid off. Social work had a five per cent jump in a applications this year.

"We're also able to attract very exciting faculty members who are doing internationally recognized research," Regehr said. "I think that's very exciting for students to be able to interact with them and do research with them

What will your mark on humanity be?



-Continued From Previous page-

of Medicine, some students are still "busy looking for supervisors," said Professor Ian Crandall, department chair. They may also face the fact that Canadian research funding hasn't grown evenly to match the expansion in graduate student numbers

But Professor Carin Wittnich of surgery

and physiology deals with some of those constraints by adjusting the way she brings new graduate students into her department.

"I stagger now and don't hire five new ones all at once," she said. Thus far, she said. the approach has worked: "so when one student finishes a new one comes in.

Professor Vivek Goel, vice-president and provost, sees the provincial mandate for graduate enrolment expansion as consistent with the university's goals.

"It's a unique opportunity for the University of Toronto to focus on its research and teaching mission and to rebalance the student mix," he said



emistry department chair Scott Mabury (right) supervises a number of graduate students. Pictured here are (left to right): Anne Myers, rek Jackson, Craig Butt, Jessica D'eon, Amila De Silva, Cora Young and Erin Marchington.

NOMINATE 2030 TASK FORCE MEMBERS, SUGGEST TOPICS

The administration has already received valuable feedback about Towards 2030 from many individuals and groups. The next stage of the process involves further consultation and focused deliberation. It will rely heavily on the work of several task forces with members drawn from among the diverse constituencies that make up our extended university community.

These task forces will solicit submissions, explore strategic options and submit reports to the president, setting out a range of preferred long-term objectives and strategies for attaining those objectives. Working with the secretariat of Governing Council, the office of the president is now in the process of establishing the task forces and clarifying their mandates.

Invitation to Comment: Task Force Areas of Focus

Task forces will take a long-term view of broad objectives and strategic options. The time-lines for the work of the task forces are therefore unapologetically short and their mandates cannot be granular.

However, a task force may recommend that it be reconstituted to address shortterm issues after submitting a report that is consistent with its broader long-term mandate

It would be impractical to launch and support a large number of different task forces on overlapping issues. Early feedback has encouraged the development of no more than a handful of task forces, with excellent cross-communication and co-ordination of

Against that background, the administration invites suggestions and comments on potential task forcemandates. (The background document at www.towards2030. utoronto.ca may be useful for respondents in thinking about task force mandates.)

Invitation to Nominate: Task Force Members

For practical reasons task forces cannot become unwieldy in size. Experienced colleagues have suggested that the administration include no more than nine committed volunteers on any task force. Nominees must be able to free up a meaningful number of hours each week for this work. The goal is to have task forces begin their deliberations by Oct. I and finalize their reports to the president early in 2008.

Task force members are expected to be adjudicators, not advocates. Representative and interest-based groups will, however, be invited to make submissions to task forces

Task force members should be drawn from a range of backgrounds but share a universitywide perspective on issues and expertise in the areas of focus. More specifically, they will need to be capable of taking a long-term, fiduciary view of the issues under consideration. Among the individuals who are likely to have this perspective are past and present governors from diverse internal and external constituencies, long-serving faculty and staff and prominent alumni who have acquired relevant work and life experience.

Recommendation/ Nomination Process

Both recommendations for task force areas of focus and task force membership should be directed to: towards2030@utoronto.ca or Office of the President, Attention: Towards 2030 Secretariat, Room 206, Simcoe Hall, University of Toronto, Toronto ON M5S IAI; telephone: 416-978-4163, fax: 416-971-1360.

The deadline for comments on task force mandates or nominations of potential task force members is Sept. 20, 2007.

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"Status Quo Bias in Bioethics: The Case for Cognitive Enhancement"

NICK BOSTROM, PHD.

Director, Oxford Future of Humanity Institute, Oxford University

Thursday, September 27, 2007, 5:00 - 6:00 pm

University of Toronto Joint Centre for Bioethics 88 College St., Great Hall

Abstract: I will argue, first, that there is prima facie empirical evidence for the prevalence of status guo bias in consequer tailist judgments in applied ethics. Second, I will present a heuristic which removes status quo bias if it is present. Third, I will apply the heuristic to the specific case of a hypothetical technology for enhancing cognitive capacity to illustrate how who ppyly increases with specific countries and a republished the case for considering organize requirement is much stronger than commonly thought. Fourth, and the foundation when the case for considering entering the specific countries are considered as the case for considering the considering countries and considering the consider this tool to argue in favor of the desirability of effective methods for enhancing human cognitive capacities.

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The Graduate Education Council

- Policies affecting graduate studies
- · new degree program proposals · changes in admission and major program requirements
- other matters, as determined by the SGS Constitution as appropriate

Nomination forms are available from: SGS Website

School of Graduate Studies Graduate departments Graduate centres/institutes Graduate Students' Union

Eligibility: Nominees must be full members (non-Emeritus) of the graduate faculty or registered graduate students in the SGS division in which they have been nominated

- 3 Chairs of a graduate unit 1 in Humanities
 - 1 in Social Sciences 1 in Physical Sciences
- 4 Faculty Members of a graduate unit
 - 1 in Humanities
 - 2 in Social Sciences 1 in Physical Sciences
- 2 Graduate students 1 in Humanities

1 in Physical Sciences

Terms of office: Terms begin July 1, 2007. The first meeting of the academic year is usually held in October.

Faculty members normally serve a three- year term of office.

Student members may opt for a one- or two-year term of office, to a maximum of three consecutive years

nformation contact: 416-946-3427 ac Officer, School of Graduate Studies, 65 St. George Street ons Close at 5:00 p.m. September 18, 2007

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tion: Alumni Hall and Chapel, Old Vic — 91 Charles Street West (at Museum exit). For more ation call 416-585-4585; vic.booksale@utoronto.ca. Proceeds support Victoria University Library

BOOKS

Dead Stone Wake, by Caz Zyvatkauskas (Wordhord Press; 124 pages; \$17). This is the saga of Mawthrag, a Neanderthal cave painter trapped between a world change and the realm of the past. His ideas to meet the challenge of preserving his tribe's legacy threaten both its stability and its future in a mutable environment. This allegorical story explores the perils of creative action and the obstacles, social and otherwise, faced by all visionaries.

A Generation of Excellence: A History of the Canadian Institute for Advanced Research, by Craig Brown (U of T Press; 320 pages; \$65). The Canadian Institute for Advanced Research originated at the University of Toronto in the early 1980s. Since that time it has gone from a small independent centre to an important and revered institution. From early struggles to eventual triumphs, the book examines CIAR's pursuit of an ethos - to explore fundamental issues in the social sciences and humanities by funding teams of researchers showing how success was painstakingly achieved.



A World Made Sexy: Freud to Madonna, by Paul Rutherford (U of T Press; 360 pages; \$60 cloth, \$27.95 paper). Eroticism is a constant presence in modern society, encompassing almost every aspect of our daily lives. It is a product of one of the major commercial and political enterprises of the 20th and 21st centuries: the cultivation of desire desire for sex, desire for wealth, desire for entertainment This book looks at modern civilization's ongoing project to manufacture and encourage public wants, building a utopia where just about everyone (who is affluent) dreams, plays and, of course, shops.

The Nineteenth Century in Odessa: One Hundred Years of Italian Culture on the Shores of the Black Sea (1704-1894), by Anna Makolkin (Edwin Mellon Press; 264 pages; \$109). This new study, based on new archival findings, focuses on the cultural legacy of the Italian founders of this port, shaped by nearly a century of Italian presence. The book shows that Italians played a major role in all aspects of Odessats economic, political and artistic life in the first 100 years of that city's existence.

A Comprehensive Guide to Intellectual and Developmental Disabilities, edited by Ivan Brown and Maire Percy (Paul H. Brookes Publishing Company; 800 pages; \$106). Learning objectives, instructive case stories, stimulating questions for reflection and key Internet resources help make this book user-friendly With a thorough compendium of information, insights and answers, future educators, social workers, researchers and clinicians will know what to do and how to do it once they start their work with people with disabilities. This core text and reference work covers all life stages.

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IN MEMORIAM

York Was Internationally Renowned Geophysicist

By Ailsa Ferguson

PROFESSOR EMERITUS DEREK YORK, an internationally respected geophysicist, died Aug. 9 of prostate cancer. He was 70 years old.

York was born in Normanton in Yorkshire, England, and attended the University of Oxford, receiving his BA in 1957 and DPhil in 1960. York joined U of T's faculty in 1960, becoming full professor in 1972 and chain of physics from 1990 to 1997.

It was while York was at Oxford that he became strongly interested in the use of unstable isotopes for dating rocks. After arriving in Toronto he quickly became a leader in the field of potassiumargon dating and was responsible for developing novel methodology in the field. Using a nuclear reactor, a high-powered laser and a mass spectrometer, York pioneered an entirely new approach to dating rocks, a technique for which he is internationally renowned and one that has been replicated in most of the leading laboratories in the world. This had a major impact for physicists, geologists, mineralogists and anthropologists studying the age of rocks, mineral deposits, fossil bones, meteorite impact craters and evolution of ancient humans. His work yielded precise dates circumscribing the age of



the famous "Lucy" finds in Ethiopia and he was able to provide the first accurate age determination of feathered dinosaurs.

During the Apollo missions to the moon, NASA appointed him to the prestigious position of foreign principle investigator, in recognition of his pre-eminence

in high resolution geochronology. As well, in November 1996 after two years of painstaking work in York's lab. York and Robert Walter, chief geologist with the Institute of Human Origins in Berkeley, Calif., and colleagues their respective announced they had managed to identify a piece in the puzzle of human evolution - they found that an ancient upper jaw and stone tools discovered in Hadar, Ethiopia, in 1994 were 2.33 million years old, as much as 400,000 years older than the next oldest ancestral fossils. The finding greatly extended the known age of the human family — the Homo genus.

"It's hard for us to imagine a more exciting dating project to work on than trying to measure the beginnings of the emergence of the human mind," York told The Bulletin.

In addition, York developed a breakthrough in linking the age of a rock or mineral grain to the temperature at which it cooled, providing major insights into the tectonic and metamorphic history of Earth. His three books on geophysics have been translated variously into Italian, Portuguese,

Chinese and Japanese.

As well as his intensive involvement in innovative scientific work, York also had a passion to transmit the excitement of science to the general public and did so as a regular contributor to the science section of The Globe and Mall from 1980 to 1992 and through the lectures he gave at the Royal Canadian Institute's Sunday science series.

"Derek was an outstanding lecturer and teacher, he mentored generations of undergraduate and graduate students and he was a warm and gregarious friend to many within the department," said Professor Jerry Mittovica, a friend and colleague. "It will be very hard for any of us in geophysics to conceive of a group without him."

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REACHING FOR FAIRNESS

In reaching for the top students lose, professor argues

BY HELEN LENSKYL

Uof

THE FACULTY OF PHYSICAL EDUCATION AND Health dean, Bruce Kidd, has assembled a strong set of arguments in favour of the proposed Centre for High Performance Sport at the University of Toronto (Reaching for the Top, Commentary, June 12). I hope to present a stronger case against the centre Underlying all of Kidd's arguments is the

assumption that the University of Toronto or, indeed, any Canadian university - is quite legitimately in the business of promoting sporting competition and fostering the development of high performance athletes who will represent Canada in international competition. He alludes to the University of Toronto's longstanding history of involvement in Olympic-level sporting competition, as if the magic O-word trumps all other arguments. Since the mid-19th century, he states. U of T has consistently contributed athletes, coaches, officials and medical personnel to Canada's Olympic teams. He goes on to say that one of the two main focus es of the new centre would be to work with current national team members "in selected Olympic sports, many of whom are U of T alumni '

An argument based on tradition, however, does not constitute sufficient grounds for the continuation of a particular practice. Priorities change, as do the financial challenges facing administration, and, of course, students. It is neither surprising nor confusing to witness opposition to a centre that promotes elite sport. The fact that construction would mean yet another displacement for the Association of Parttime Students, not coincidentally one of the most politically active student groups on campus and a group that Woodsworth College recently relocated, might be seen as reflective of the administration's priorities.

Admittedly, the Goldring family's \$11-million gift alleviates some of the money problems but the precedent set by the new Varsity Stadium and its "bubble" is cause for alarm. Initially, after years of struggle culminating in a student

Ontario Funding provided by the

referendum, the university covered the capital costs and no levy was imposed on students. In 2007, however, student groups were asked to agree to a levy to help cover the facility's operating and maintenance costs on the grounds that. if they opposed the increase, the administration would be "forced" to rent it to outside clubs and teams to make ends meet, thereby dramatically reducing the number of hours available for student use

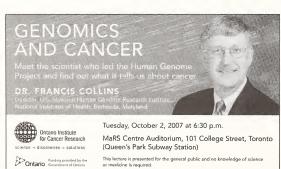
Sport administrators in other nations - Australia, China and numerous former eastern bloc countries, for example - would scoff at the notion that producing high-performance athletes should be the mandate of the post-secondary sector. After all, if a country only trained athletes whose high school academic achievements qualified them for university admission, a significant percentage of potential Olympic athletes would be ineligible. Instead, these countries, for better or for worse, direct tax dollars towards

high performance sport centres that are independent of universities. If medal count is assumed to be the main indicator of "success," this

appears to be a winning strategy. However, I hold the view that Olympic medals are largely an indicator that a country has a more effective stem of hiding the presence of performance-enhancing drugs in medal-winning athletes' urine and blood. For Kidd to argue that sport is "certainly one of the most meritocratic (forms of popular culture) with an elaborate rule system and deeply held expectations to ensure a 'level playing field'" is surprising, to say the least. The 2007 Tour de France and Barry Bonds' home-run "record" in baseball come to mind as recent challenges to the meritocracy argument, along with endless examples from every recent Olympic Games - not only in the sporting competition but also the conduct of national bid committees and International Olympic Committee members.

Kidd is on stronger ground, pedagogically, when he upholds the goal of "accessible and appropriate physical activity and sport." U of T students, staff and faculty certainly need sport and leisure facilities and programs that promote fun, social interaction, fitness and health, just as other aspects of university life - music, drama, debating and political clubs, for example - represent a holistic approach to working and learning in the university community. All these initiatives deserve broad-based financial support. But do English professors argue that literature courses and university drama clubs should produce Dora and Oscar winners and that we need the equivalent of a Royal Alexandra Theatre on campus? Why, then, should the Faculty of Physical Education and Health produce Olympic athletes and why should scarce dollars be directed towards operating the proposed Centre for High Performance Sport?

Helen Lenskyj is a professor at the Ontario Insitute for Studies in Education of the University of Toronto. Her research focuses on gender, sport and sexuality.

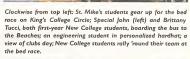


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Evelyn Sommers, Ph.D., Psychologist, provides psychotherapy and counselling for individuals and couples from age 17. Covered under U of T benefits. Yonge/Bloor. Visit www.ekslibris.ca; call 416-413-1098; e-mail for information package, eks@pass-pott.ca

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of 1 staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland St. (Wellesley and Jarvis). 416-570-2957.

Dr. Cindy Wahler, Psychologist. Yonge/St. Clair area. Individual and couple psychotherapy. Depression, relationship difficulties, women's issues, health issues, self-esteram. U of T extended healthcare plan covers psychological services. 416-961-0899.

Dr. Carol Musselman, Registered Psychologist. Psychotherapy for depression, anxiety, trauma and other mental health needs, relationship problems, issues related to gender, sexual orientation, disability. Covered by extended health plans. 455 Spadina (art College), #211. 416-568.

1100 or cmusselman@oise.utoronto.ca;

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Psychoanalysis & psychoanalytic psychotherapy for adolescents, adults, couples. U of T extended health benefits provide coverage. Dr. Klaus Wiedermann, Registrered Psychologist, 1033 Bay St., ste. 204. rel: 416-962-9671.

Dr. Scott Bishop, Registered Psychologist. Offering psychotherapy and psychonapsis. Anxiety, depression, trauma, addictions, work stress and bemout, loss/gride, recurrent interpersonal problems, substance abuse, identity issues. U of T healthcare benefits apply;14 Prince Arthur Avenue (Bloor and Avenue). 416–929-9369 or sort bishop@blehiet.ca

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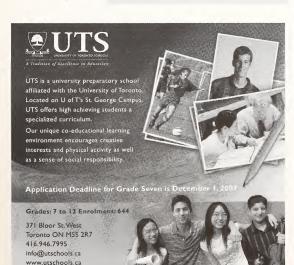
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AT THE UNIVERSITY OF TORONTO

ON MIRACLES OF NATURE

Mental Time Travel



Endel Tulving

University Professor Emeritus Department of Psychology Faculty of Arts and Science

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SATURDAY, SEPTEMBER 15 Jane Goodall, Jane Goodall Institute; proceeds to support Jane Goodall Institute of Canada. Convocation Hall. 7 p.m. Tickets \$35, students \$20 (with valid ID): www.uofttix.ca. Environment

Privacy of Design -"Build It In": A Crucial Design Principle.

Monday, September 17 Ann Cavoukian, Ontario's information and privacy commissioner. George lgnatieff Theatre, 15 Devonshire Place 2 p.m. Identity, Privacy and Security

From the Ground Up: Nurturing the Art of Sustainable Living.

Tuesday, September 25 Kennedy, urban chef, Sinclair Jamie Kennedy, urban chet, Sinclair Philip, Sooke Harbour House, Vancouver Island, and Michael Stadtlander, farmer-chef, Eigensinn Farm. Isabel Bader Theatre, Victoria University, 93 Charles St. 6 p.m. Tickets \$25. Gardiner Museum

On Miracles of Nature: Mental Time Travel

TUESDAY, SEPTEMBER 25 University Prof. Em. Endel Tulving, psy chology; University Professor lecture series, presented by Global Knowledge Foundation George Ignatieff Theatre, 15 Devonshire Place. 7:30 p.m. Arts &



COLLOQUIA Patterns and Growth of

Highly Malignant Brain Tumours.

THURSDAY, SEPTEMBER 13 Prof. Len Sander, University of Michigan, Ann Arbor. 102 McLennan Physical Laboratories, 4:10 p.m. Physics

Bring Hearing to the Deaf With Cochlear Implants: A Technical and Personal Account.

THURSDAY, SEPTEMBER 20 lan Shipsey, Purdue University 102 McLennan Physical Laboratories



SEMINARS

Asymmetric Cell Division and Stem Cell Self-Renewal in the Drosophila CNS.

FRIDAY, SEPTEMBER 14 Prof. Chris Doe, University of Oregon. 1017 Wilson Hall, New College. 1 p.m. Cell & Systems Biology

Still a Community of Values? Historical Reflections on the

Normative Basis of the West. MONDAY, SEPTEMBER 17

Science and Elderwood Foundation Harvey E. Rosenfeld D.P.M. Doctor of Podiatric Medicine

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Prof. Heinrich Winkler, Humboldt University, Berlin. Vivian & David Campbell Conference Facility, Munk Centre for International Studies. 7 p.m. Registration: webapp.mcis.utoronto.ca Joint Initiative in German & European Studies, Goethe-Insitut Toronto and Consul General of Germany, Toronto

Roles of the Histone Variant H3.3 in Transcription and Development.

WEDNESDAY, SEPTEMBER 19 Prof. Kami Ahmad, Harvard Medical School. 968 Mt. Sinai Hospital. Noon. Samuel Lunenfeld Research Institute

Revolutionary Cuba and the Transatlantic Alliance: The Perspective of a Former Cuban Ambassador.

Wednesday September 19 Carlos Alzugaray, former Cuban ambas sador to the European Union. 2096 Sidney Smith Hall. 2 to 4 p.m. Latin American Studies, International Studies European Studies and Study of the United

Information Needs of Prostate Cancer Patients Post-Treatment:

Does One Size Fit All?

WEDNESDAY, SEPTEMBER 19 Witteman, Heath Care Technology & Place PhD fellow, mechanical and industrial engineering, speaker; Prof. Barbara Gibson, physical therapy, discussant. 208 Health Sciences Building, 155 College St. 3 to 5 p.m. Health Care, Technology & Place

Mobilizing for Democratic Change: Societal Impact on Elite Bargaining in Ukraine, 2000-2004.

FRIDAY, SEPTEMBER 21 Serhiy Kudelia, Johns Hopkins University. 108N Munk Centre for International Studies. Noon to 1:30 p.m. Registration: webapp.mcis.utoronto.ca

Petro Jacyk Program for the Study of

John Graves Simcoe's Counter-Revolution: Northern Reflections on the American Revolution.

FRIDAY, SEPTEMBER 21 Alan Taylor, University Cahfornia, Davis. 108N Munk Centre for International Studies. 2 to 4 p.m. Registration: webapp.mcis.utoronto Study of the United States

Going to Graduate School.

WEDNESDAY, SEPTEMBER 26
Topics: graduate programs and graduate life; requirements and admission; choos-ing a school; applications and letter of reference; funding. Faculty participants Profs. Brian Corman, chair; Will Robins director of graduate studies; and Rachel Buurma and Katie Larson, English Combination Room, Trinity College 3 p.m. English

Barak Ohama Reconfiguring Immigration and Race Politics in the U.S.

Wednesday September 26 Prof. Victoria Hattam, New School of Social Research. 208N Munk Centre for International Studies. 5 to 7 p.m Registration: webapp.mcis.utoronto.ca Study of the United States

MEETINGS & CONFERENCES

Supporting Human Diversity Through Inclusive Design. WEDNESDAY, SEPTEMBER 13 AND

THURSDAY SEPTEMBER 14 An international open forum on e-learning and standardization. Many computer users are faced with challenges when trying to learn online. That is why the world starting with Canada, needs to work towards developing international standards and an educational system where no one is excluded from optimizing his or her potential through e-learning Government representatives and minis ters speaking include Beverly Oda, min-ister, Heritage Canada, and Barbara Hall, Human Rights Commission Collaboration Centre, MaRS Centre south tower, 101 College. St Registration fee: \$350, students \$50 Registration and program details: http://openforum.elsacc.ca.



MUSIC

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Voice Performance Class

TUESDAY, SEPTEMBER 18 Welcome and vocal showcase. Walter Hall. 12:10 p.m.

TUESDAY, SEPTEMBER 25 Third-year students perform. Walter Hall. 12:10 p.m.

Thursdays at Noon

THURSDAY, SEPTEMBER 20 A Matinee at the Palace Cinema: Live music accompanying a 1924 silent film featuring Rudolph Valentino; John Kruspe, curator. Walter Hall. 12:10 p.m.



PLAYS & READINGS

A Funny Thing Happened on the Way to the Forum.

FRIDAY AND SATURDAY SEPTEMBER 14 AND 15: WEDNESDAYS TO SATURDAYS, SEPTEMBER 19 TO SEPTEMBER 29

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

ADVISORY

DEAN, FACULTY OF INFORMATION STUDIES
In accordance with Section 60 of the Policy on Appointment of Academic

Administrators, President David Naylor has appointed a committee to recom-mend the appointment of a dean of the Faculty of Information Studies Professor Brian Cantwell Smith will complete his term as dean June 30, 2008; he has indicated he will not be seeking reappointment. Members are Professors Vivek Goel, vice-president and provost (chair): Joan Cherry, Chun Wei Choo, Wendy Duff, Jens-Erik Mai and David Phillips, information studies Mark Chignell, mechanical and industrial engineering, Louise Lemieux-Charles, health policy management and evaluation; Cheryl Misak, philosophy; and Susan Pfeiffer, dean, School of Graduate Studies: and Ioe Cox. direct tor, Inforum, information studies; Judy Dunn assistant dean (academic and program), information studies; Christina Hwang and Rhonda McEwen graduate students, information studies; and Wendy Newman, former president Canadian Library Association.

The committee welcomes comments and nominations from interested persons. These should be sent to Helen Lasthiotakıs, director, policy and planning, by Sept. 28 at Room 225 Simcon

Hall: fax 416-978-3939 e-mail h.lasthiotakis@utoronto.ca

DEAN. FACULTY OF PHYSICAL EDUCATION & HEALTH In accordance with Section 60 of the Policy on Appointment of Academic

Administrators, President David Naylor has appointed a committee to recom mend the appointment of a dean of the Faculty of Physical Education & Health. Professor Bruce Kidd will complete his term as dean June 30, 2008; he is not eligible for reappointment. Members are: Professors Vivek Goel, vice-president and provost (chair); Patricia Brubaker, physiology; Elizabeth Cowper, vice-dean (programs), School of Graduate Studies: Peter Donnelly. Guy Faulkner, Caroline Fusco and Jack Goodman, physical education and health; Rick Halpern, history; and Cheryl Mısak, philosophy; and Michelle Brownrigg, health promotion consultant; Carl Georgevski, athletics instruc-tor, physical education and health; Steve Greening and Masha Sidorov undergraduate students, and Janelle Joseph, graduate student, physical education and health: Bonnie Horne librarian, Gerstein Science Information Centre; Karen Lewis, assistant dean (co-curricular education, services and equity), physical and health education; and Tim Reid, alumnus

The committee welcomes comme and nominations from interested persons. These should be sent to

Helen Lasthiotakis, director, policy and planning, by Sept. 28 at Room 225 Simcoe Hall; fax, 416-978-3939, e-mail h lasthiotakis@utoronto.c:

DEAN, FACULTY OF DENTISTRY In accordance with Section 60 of the Policy on Appointment of Academic

Administrators, President David Naylor has appointed a committee to recom mend the appointment of a dean of the Faculty of Dentistry, Professor David Mock will complete his term as dean June 30, 2008; he is eligible for reappointment. Members are: Professors Vivek Goel, vice-president and provost (chair); Dennis Cvitkovitch, Bernhard Ganss, Daniel Haas and Paul Santerre, dentistry; Marc Grynpas, laboratory medicine and pathobiology; Sioban Nelson, nursing, and Berry Smith, vice dean (students), School of Graduate Studies: and Drs. Laura Demoster, dentistry; Carlos Quinonez, graduate dent. denistry: and Carolyn Poon Woo. alumna; and Donna Crossan, assistant dean (administration), dentistry; Irwin Fefergrad, registrar, Royal College of Dental Surgeons of Ontario; and Marc Yarascavitch, DDS student, dentistry,

The committee welcomes comments and nominations from interested per-sons. These should be sent to Helen Lasthiotakis, director, policy and planning, by Sept. 28 at Room 225 Simcoe Hall; fax, 416-978-3939, e-mail. h.lasthiotakis@utoronto.ca.

Book by Burt Shevelove and Larry Gelbart, music and lyrics by Stephen Sondheim, directed by Graham Maxwell. A Hart House Theatre production. Hart House Theatre & pm., Saturday, Sept. 29, 2 and 8 p.m. Tickets 520, students and seniors \$12; full subscription \$600, students and seniors \$356, three-play subscription \$48, students and seniors \$30.

U of T Reading Series.

TUESDAY, SEPTEMBER 18
Ray Robertson brings his new book What Happened Later and Jeff Parker, his debut novel Overman. Library, Hart House. 7:30 p.m.

TUESDAY, SEPTEMBER 25
M.G. Vassanji discusses his new novel
The Assassin's Song. Robert Gill Theatre,
Koffler Student Services Centre.
7:30 p.m.

EXHIBITIONS

BLACKWOOD GALLERY U OF T MISSISSAUGA Scott Chandler:

Hotel Lobby Series

To SEPTEMBER 30
Scott Chandler is a recent graduate of
the Ontario College of Art & Design.
The documentary-based photographs
examine constructed environments and
the unconscious effect on their inhabitants. Callery hours: Monday to Friday
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OISE/UT. OISE D&A

TO NOVEMBER 18
An exhibition celebrating the design, art and architecture of the Ontario Institute for Studies in Education of the University of Toronto. Library, ground floor, 252 Bloor St. W. Hours. Monday to Thursday, 9 a.m. to 8 p.m.; Finday and Saurday, 1 am. to 5 p.m.

U OF T ART CENTRE The Virgin, Saints and Angels: South American Paintings, 1600-1825.

TO DECEMBER 9

The 55 paintings from the Thoma collection offer enduring evidence of how one religion, Cathohcism, was lived and experienced by many peoples of South America; mounted in partnership with the Latin American studies program. Laidlaw Wing, University College. Hours: Tuesday to Friday, noon to 5 p.m.; Saturday, noon to 4 p.m.

DORIS McCARTHY GALLERY U OF T SCARBOROUGH Ron Giii: Hegel's Salt Man.

SEPTEMBER II TO OCCOBER 21 Into exhibition brings together a selection of work by Toronto artist Rom Giit that ranges over 35 years. The show features some of his early work, performance documentation and other perhement, a selection from his wintings and more recent drawings and oil stick paintings. Gallery hours: Tiesday to Friday, 10 a.m. to 4 p.m.; Sunday, noon to 5 p.m.

MISCELLANY Memorial Service for

Memorial Service for Michael (Fuzz) Friend. Wednesday, September 10

Michael (Fuzz) Friend, one of the longest serving members of the linus College community, died peacefully Aug. 24 after a lengthy illness, Donancous in leu of flowers may be made in his memory towards an award for linus students, which will recognize his outstanding contributions to student life at linus, hitspe waved donations utorotto ca/mnual/annual/aspx. Innas College Town Hall. 7 p.m.



DEADLINES

Please note that information for the Events listing must be received at The Bulletin offices, 21 King's College Circle, by the following times:

Issue of September 25 for events taking place Sept. 25 to Oct. 10: TUESDAY, SEPTEMBER 11.

Issue of October 10 for events taking place Oct. 10 to 30: Tuesday, September 25.

We also encourage you to post events on the events calendar website (www.events.utoromo.ca). For information regarding the Events section please contact Alsa Ferguson at 416-978-6981; ailsa.ferguson⊕ntoromo.ca.

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Interested individuals should submit o letter of application, a curriculum vitae and addresses of three referees na later than **October 31, 2007** to:

Ella Ferris, RN, MBA Executive Vice President Programs and Chief Nursing Executive 51. Michael's Hospital 30 Bond Street, Rm. 1-042 Bond Wing Toronto, Ontario MSB 1W8

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PRIVACY BY DESIGN

U of T graduate programs break new ground

By Dr. Ann Cavolikian

S A PRIVACY PROFESSIONAL, I AM FREQUENTLY ASKED HOW SIGNIFICANT A THREAT technology has become to privacy. Professionals and lay people alike ask me whether privacy can continue to exist as we enter into an age where more and more granular information is being collected about us, on a daily basis. My answer has always been, and continues to be, a firm but qualified 'yes!"

Technology itself is not inherently a threat to privacy. The key lies in how it is used. It is certainly true that privacy can be eroded in many ways by technology. But technology can

also be enlisted to protect privacy and safeguard personal information. Privacy can, in fact, be built directly into the architecture of technology, providing very strong and very effective protections. I call this "privacy by design."

tiesign. In 1995, I co-authored a paper with the Netherlands Data Protection Authority on privacy-enhancing technologies or PETs entitled Privacy-Enhancing Technologies: The Path to Anonymity (Vols. I and II). The argument we put forward was that while legal instruments are useful in protecting privacy, they are not sufficient, in and of themselves. Technology is key to meaningful privacy protection, provided that it is engineered to serve that purpose.

Privacy-enhancing technologies achieve privacy by eliminating or minimizing the collection of personal data or by preventing unnecessary and undesirable use of personal data, all without losing the functionality of the information system. For example, biometric data, such as fingerprints or iris scans, may be used in verifying the identity of individuals. Yet, while biometric technologies promise to enhance the effectiveness of identification and authentication, if done poorly, biometric technologies can also be highly privacy-invasive. If used improperly, they can lead to discrimination and identity theft. However, with the deployment of a privacyenhancing technology such as Biometric Encryption (BE), you can use a fingerprint to encrypt some other

information, like a PIN, account number or cryptographic key, and only store the biometrically encrypted code, not the biometric itself. This removes the need for public or private sector organizations to collect and store the actual biometric images, thus eliminating most privacy and security concerns associated with the creation of centralized biometric databases.

I have spent more than 10 years as an advocate for privacy by design. The arguments set out in our paper are as true today as they were then. Yet there remain significant pockets of resistance by those who subscribe to a "zero-sum" mentality when it comes to privacy and security. In a world increasingly concerned with issues of security, these people imagine that there must be a trade-off made between privacy and security—that when there is more of one, there must by necessity be less of the other. This is simply untrue. Privacy and security are not at odds with one another but actually exist in a mutually supportive relationship. We need not sacrifice one for the other. Quite the contrary — we can have more privacy and more security.

But we cannot have it if we continue to subscribe to the view that the two are fundamentally opposed. Nor can we have it if we treat privacy as an afterthought or a nuisance, something to be tacked on in a perfunctory way once systems have been designed and technologies deployed. Privacy must be seen as a key requirement at the outset and designed into the architecture of systems that involve the collection, use, and/or disclosure of personal information. This is the only way that meaningful privacy protection can be ensured now and well into the future - it's all about convergence

In some ways, this is a relatively simple matter. But it relies, at its heart, on a cultural shift: a shift to embracing a culture of privacy. By a culture of privacy, I mean a mindset — a way of thinking that makes strong information management and the protection of privacy core values. The development of this kind of culture will instil the will in organizations to build privacy policies into the fabric of their day-to-day operations. It is also the foundation that will enable privacy by design to become a widespread reality.

Creating such a culture will depend on new, innovative ways of thinking. And that's one of the many reasons why I am so excited about the University of Toronto's newly established interdisciplinary graduate program called the Identity, Privacy and Security Initiative (IPSI).

IPSI is a groundbreaking new program that will feature two new interdisciplinary graduate programs. Faculty and students from different disciplines, energing from the Faculty of Applied Science and Engineering and the Faculty of Information Studies, will work together in the areas of identity, privacy and security and related technologies, policies and sciences. I believe that the result will be some very exciting out of the box thinking based on the understanding that these issues can be viewed in a mutually supportive positive-sum (rather than a zero-sum) paradigm.

As information and privacy commissioner, my office has had some wonderful opportunities to work with various organizations - such as IBM, EPCglobal and Microsoft, for example to research and develop concepts for building privacy into technology These relationships have been very rewarding. But I have never been more excited and honoured about any partnership than when I was contacted by Professor Dimitrios Hatzinakos of the University of Toronto's Department of Electrical and Computer Engineering in the spring of 2007 to invite me to chair the advisory council for IPSI



IPSI promises to foster a new generation of technologists, computer programmers, systems architects and corporate policy-makers who understand the inherent and fundamental value of protecting privacy. This, I believe, will be an important step in a meaningful transformation towards a culture of privacy.

Throughout my career, I have enjoyed the challenges of advocating on behalf of privacy and on behalf of the use of technology to enhance both privacy and security. Nonetheless, I look forward to the day when privacy by design becomes second nature to all organizations—part of their institutional culture and not an issue to debate. With the launch of the university's Identity, Privacy and Security Initiative, I see the early light of that day breaking on the horizon.

I am looking forward to presenting the inaugural lecture Sept. 17 for a program that I believe will one day become a model for many technology and science curriculums across Canada. I applaud the University of Toronto's vision and leadership in being among the first to break this ground and I look forward, in the fullness of time, to celebrating with the program's first graduates. Change is coming ... and it is good.

Ann Cavouldan is Ontario's information and privacy commissioner and chair of U of T's IPSI advisory council. She will be giving her inaugural lecture for the Identity, Privacy and Security Initiative at the George Ignatieff Theatre Sept. 17.